

Host Record of *Pseudorobitis axeli* (Coleoptera, Nanophyidae)

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Weevils of the genus *Pseudorobitis* REDTENBACHER, 1868 consist of two species, *P. axeli* (ALONSO-ZARAZAGA, 1989) from Japan (Yakushima and Amami-Ôshima Isls.) and Taiwan, and *P. gibbus* REDTENBACHER, 1868 from Shanghai, China (GIUSTO, 1993). No biological information is available on these weevils so far.

We collected a number of adults of *P. axeli* on flower buds of *Lagerstroemia subcostata* (Lythraceae) on Amami-Ôshima Is. We also found a number of larvae inside the fruits, and new adults of *P. axeli* emerged from them three months later.

We herein report the host association of *P. axeli* with Chinese crape myrtle, *L. subcostata*, for the first time. Associations with *Lagerstroemia* species have hitherto been known in several nanophyid weevils: *Ctenomerus lagerstroemiae* MARSHALL, 1923 and *Shiva trispinosus* PAJNI et BHATEJA, 1982 on *L. speciosa* (KANTOH & KOJIMA, 2009 b) and *Shiva taiwanus* KANTOH et KOJIMA, 2009 and *Nanophyes formosensis* KÔNO, 1930 on *L. subcostata* (KANTOH & KOJIMA, 2009 a). Thus, *Lagerstroemia* will also be a good place to look for the biology of *Pseudorobitis*.

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Specimens examined. Japan: Amami-Ôshima Is. 17 males and 8 females, Yuwan, Uken Vil., 13~17-VIII-2002, H. ONO & J. KANTOH; 6 males and 3 females, same locality, 19-VIII-2005, A. INOUE; 6 males and 2 females, Yanma, Sumiyou-chô, 4-VII-2005, T. ISHIKAWA; 7 exs, Shimoyakugachi, Sumiyou-chô, 14-IX-2009, T. SÔYAMA (larvae from fruits); 1 male and 2 females, same locality (adults emerged from fruits in December). Tokunoshima Is. 1 female, Mikyô, 8-VII-1989, H. KARUBE leg. (New to Tokunoshima Is.)

References

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